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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Ralph SPERSCHNEIDER
Serial No. : 09/913,708
Filed : 09/24/2001
5 Art Unit : 2626
Confirmation Number : 2693
Examiner : Vo, Huyen X.
Title : APPARATUS AND METHOD FOR
10 PRODUCING A DATA STREAM AND
APPARATUS AND METHOD FOR READING
A DATA STREAM
Attorney Docket No. : SCHO0335

15 January 14, 2008
Mail Stop - OIPE
Commissioner for Patents
P.O. Box 1450
20 Alexandria, VA 22313-1450


REQUEST FOR A CORRECTED FILING RECEIPT

25 Applicant, by his attorney, requests correction of the Official Filing Receipt for the
above-referenced patent application. The title of the application is incorrect on
the filing receipt.

30 Please correct the title to: APPARATUS AND METHOD FOR PRODUCING A
DATA STREAM AND APPARATUS AND METHOD FOR READING A DATA
STREAM

Attached is a copy of the page one of the application as filed, and a copy of the
Official Filing Receipt with the corrections as requested.

Respectfully submitted,

35 
Michael A. Glenn
Customer No., 22,862 Reg. No. 30,176

U9/913/08

JCO3 REC'D PCT TC 16 AUG 2001

CORRECT
TITLE

Apparatus and Method for Producing a Data stream and
Apparatus and Method for Reading a Data stream

5

Field of the Invention

The present invention relates to encoding with code words
of variable lengths and, in particular, to producing and
reading data streams with code words of variable lengths,
10 which are robust with regard to errors in transmission.

Background of the Invention and Prior Art

15 Modern audio encoding or decoding methods which work by the
MPEG layer 3 standard, for example, are capable of
compressing the data rate of audio signals, e.g. by a
factor 12, without noticeably degrading the quality
thereof. In order to achieve such a high data rate
20 reduction, an audio signal is sampled, whereby a sequence
of discrete-time samples is obtained. As is known in the
art, the sequence of discrete-time samples is windowed in
order to obtain windowed blocks of time samples. A block of
time-windowed samples is then transformed to the frequency
25 range by means of a filter bank, a modified discrete cosine
transform (MDCT) or other suitable device, in order to
obtain spectral values which, as a whole, represent the
audio signal, i.e. the time section determined by the block
of discrete-time samples, in the frequency range. Usually,
30 time blocks which overlap at 50% are produced and
transformed to the frequency range by means of a MDCT
whereby, due to the specific properties of the MDCT, 1024
discrete-time samples, for example, always lead to 1024
spectral values.

35

It is known that the receptivity of the human ear depends
on the momentary spectrum of the audio signal itself. This
dependency is covered in the so-called psycho-acoustic



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/913,708	09/24/2001	2613	1070	3219	6	15	4

CONFIRMATION NO. 2693

FILING RECEIPT



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Dougherty & Clements
6230 Fairview Road Suite 400
Charlotte, NC 28210

Date Mailed: 12/06/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/EP00/00314 01/17/2000

Foreign Applications

GERMANY 199 07 728.2 02/23/1999

Projected Publication Date: Not Applicable, filed prior to November 29, 2000

Non-Publication Request: No

Early Publication Request: No

Title

~~Device and method for generating a data flow and device and method for reading data flow~~

Preliminary Class

348

*Should read:
APPARATUS AND METHOD FOR
PRODUCING A DATA STREAM
AND APPARATUS AND
METHOD FOR
READING A
DATA
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